

Ch 4 Test tomorrow

4.1 Classify Triangles

acute, right, obtuse  
equiangular

4.2 Fill in the missing angles

scalene, isos., equil.

180, ext. angle thm., lin. pair, parallel lines, isos. triangles

4.3 Congruent triangles



4.4 SSS, SAS, ASA, AAS, HL

4.5 CPCTC

Overlapping triangles,

Suppl. of  $\cong$  angles are  $\cong$ , Using more than one pair of congruent triangles

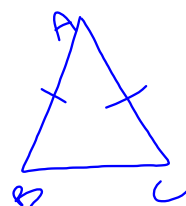
4.6 Isosceles Triangle thm. and Converse

4.7 Coordinate Proof and Fill in pictures

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

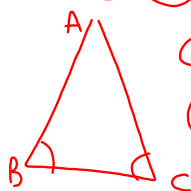
$$\text{or } \perp \quad m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$M\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right)$$



$$G: \overline{AB} \cong \overline{AC}$$

$$\text{Concl: } \angle B \cong \angle C \quad (\text{Isthm})$$



$$G: \angle B \cong \angle C$$

$$\text{Concl: } \overline{AB} \cong \overline{AC} \quad (\text{Conv. of Isthm})$$

Book website  
Chapter test/quizzes

## Suggested Review Problems

Triangle Proofs

p210-212

6, 10, 13, 14, 19

p762 Coordinate Practice

4.7 2, 3, 5-7

p785 10 (coord. proof)